



ICAO Noise Data Base

ID:BOMBARDIER_10427

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
Commercial name
Type CL-600-2B16 Version Challenger 601-3A

ENGINE

Type CF34-3A
Number of Engines 2
Nacelle short duct
Propeller
Thrust (Sea Level Static) 38.50 kN
ByPass Ratio(SLS) 6.3
Maximum Take-Off Mass 19550 (Kg) Slats/Flaps /20
Maximum Landing Mass 16329 (Kg) Slats/Flaps /45

NOISE CERTIFICATION STANDARD

Noise Regulation ICAO Annex 16, Volume I
Chapter or Stage 4

MODIFICATIONS

	Aircraft	Engine
Modification Number	SB 601-0638	
Modification Description	Compliance with Chapter 4	

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	84.5	91.2	79.7
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	9.5	6.8	9.3

Cumulative Margin (EPNdB) 25.60

Remarks Dossier n° RAU-601-119 issue F

Date of Certification /05/14 Certification Authority TCA